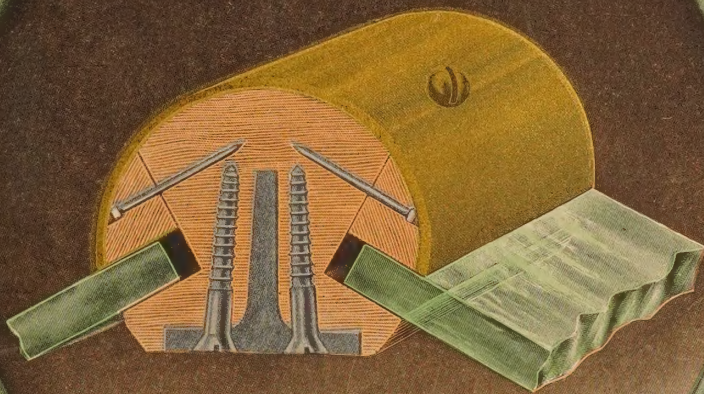


clear, windows

# J.W. COULSON & CO.



COLUMBUS, OHIO.





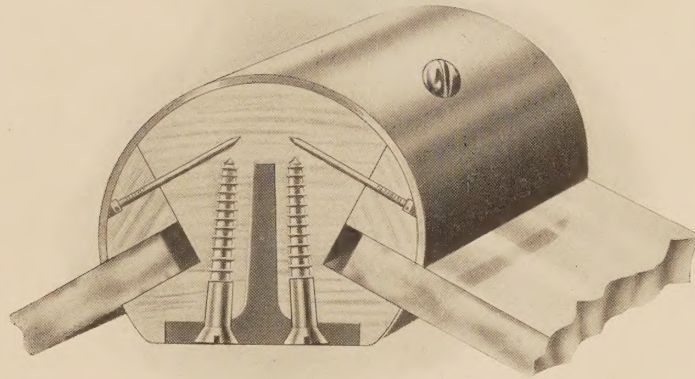
Digitized by the Internet Archive  
in 2024 with funding from  
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<https://archive.org/details/coulsonpatentsto00jwco>

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#2400  
Several  
Columbus  
photos

# *The* COULSON

## Patent Store Front Construction



MANUFACTURED BY

**J. W. COULSON & CO.** 96-98 N. THIRD STREET  
COLUMBUS, O.

SOLE OWNERS AND MANUFACTURERS

U. S. PATENT  
FEBRUARY 13, 1900.

CANADA PATENT  
MARCH 19, 1900.

U. S. PATENT  
APRIL 19, 1901.

U. S. PATENT  
APRIL 15, 1902

OTHER PATENTS PENDING

“D”



**J. W. COULSON & CO.,**  
SOLE OWNERS AND MANUFACTURERS OF  
**THE COULSON PATENT STORE FRONT CONSTRUCTION,**  
96 AND 98 NORTH THIRD STREET,  
COLUMBUS, OHIO.

*To Our Patrons:*

We hope that the catalogue that accompanies this will interest you from cover to cover.

We have endeavored to clearly set forth our Patent Store Front Construction and the advantages gained by its use, by means of a thorough description and by full sized sectional drawings of our different Corner Posts, Transom and Division Bars and Quarter Rounds, together with a few reproductions of store-fronts in which our construction was used, and a few of the many letters of reference received from the different Plate Glass Insurance Companies, Architects, Contractors and Owners of Buildings.

We are pleased to say that our construction is being specified and used in a great many buildings throughout the United States and Canada, and has always given our customers entire satisfaction.

The list prices given in the catalogue are subject to a trade discount. We shall be pleased to hear from you at any time and will give your communication careful attention.

Respectfully yours,

J. W. COULSON & CO.



## Introduction

It is our desire in this catalogue to show our Patent Store Front Construction, together with views of a few fronts in which it has been used.

We are glad to be able to present this book in answer to the constant demand of a more thorough description of our construction than was set forth in our former catalogues, and we have endeavored to make the description and illustrations complete, so that it can be readily understood by all who are interested in it.

We shall be pleased at all times to furnish estimates, sketches, and any information which may not be made clear in the following pages.

# The Coulson Patent Store Front Construction

The Coulson Patent Store Front Construction has been on the market since in 1900, and has met with ready favor, which has increased its use throughout the United States and Canada, where it has been specified by many of the leading architects, and has been used in many of the best store buildings erected.

It is the most practical and complete, and can put forth a greater number of advantages gained by its use than any store front construction ever invented.

When using it all glass is set in position from the outside. This not only saves time and expense and greatly decrease the risk, when putting in the front, but should a light of glass become broken, it can be replaced without necessitating the removal of the window fixtures and decorations.

The glass does not come in contact with the metal, which gives it the advantage of all wood setting, and at the same time the strength of the steel, which is encased in the wood, and the advantages of the metal covering, which covers the wood.

There is but little obstruction to the light, and at the same time it has the greatest strength for holding in large plates safely.

It is highly endorsed by the Plate Glass Insurance Companies, as by its use they are spared the expense of removing inside window fixtures, etc., and the vexation of claims for incidental damages and a large portion of the increased risk and expense of resetting under the old methods.

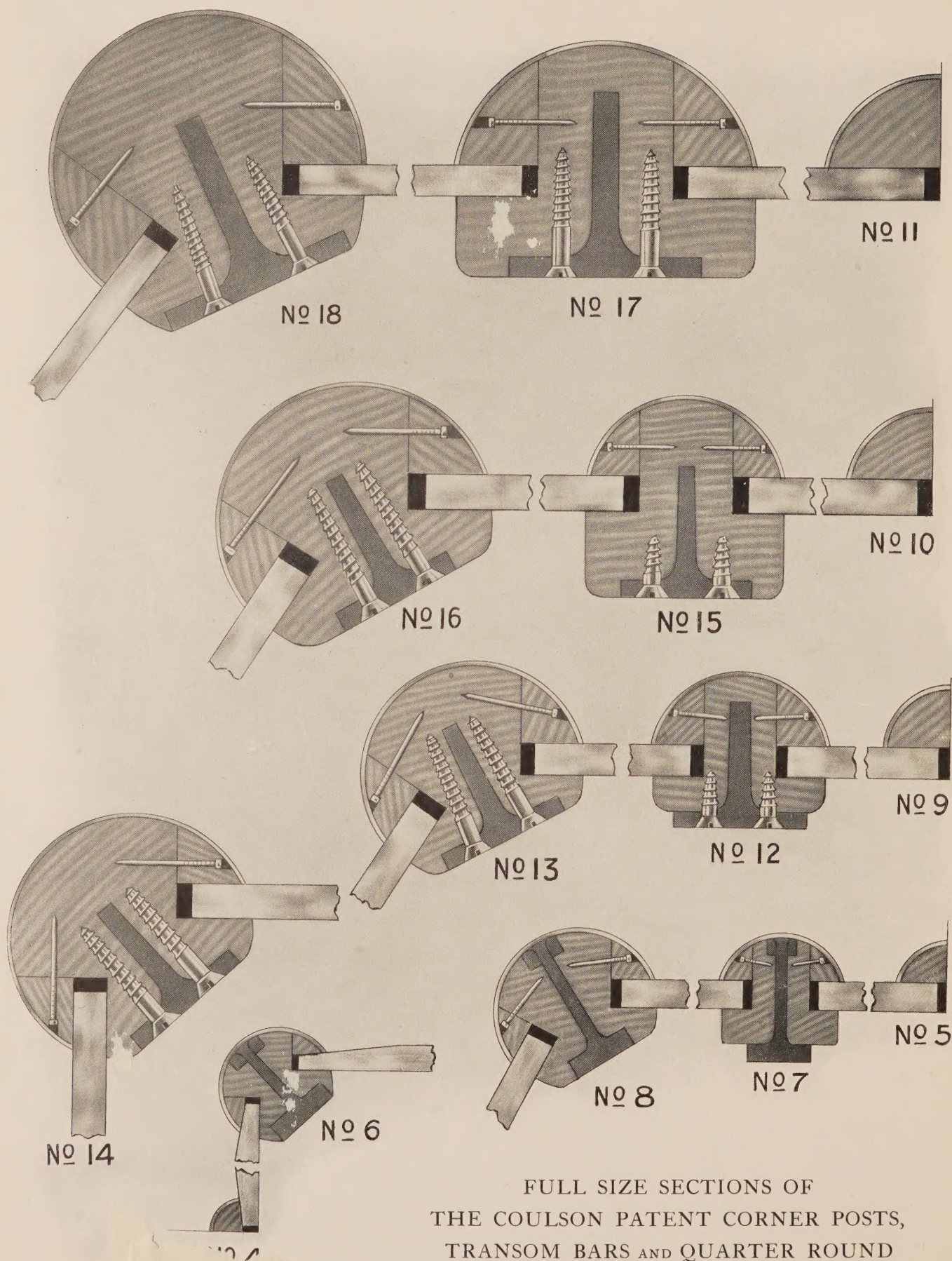
Plate glass set in our construction is insured at the regular rate of insurance, there being no extra charge as there is on glass set in all other patent devices.



It is easily erected, as it is gotten out complete in our factory and ready to set in place. The wood encased steel tees of the corner posts and vertical division bars, are cut to the required lengths, and provided at either end with lugs, having screw holes, by which they are secured to the lintel casing above, and the base below by means of screws. The wood encased steel tees of the transom bars are provided with lugs at the ends which are to be fastened to the jamb casings and door posts, with screw holes by which they are secured in like manner. Where the transom bars intersect with the corner posts and division bars, they are carefully fitted and framed into the same and provided with bolts in our factory, which requires only the setting in place and the tightening of the bolts. After this frame work has been secured, the glass is set in from the outside, and held in place by the stops which are nailed in, and which completes the round of the posts and bars, and at the edges by the quarter rounds. The entire outer surface is then covered with the metal covering which is furnished by us, with screw holes and screws, ready to screw in place.

When a canopy ceiling is used over the vestibule, the return transom bars are made to support the same, as is shown by "Section C" on page 10. The front transom bar over the vestibule is provided with an angle iron, to support the canopy ceiling, which is secured to the same by means of screws, as shown in "Section B" page 10. When the canopy ceiling is used in the show windows, angle irons are provided for it in the same manner.





FULL SIZE SECTIONS OF  
THE COULSON PATENT CORNER POSTS,  
TRANSOM BARS AND QUARTER ROUND



# Our Standard Posts, Bars and Quarter Rounds

On the opposite page may be seen the different sizes of the Coulson Patent Corner Posts, Transom and Division Bars and Quarter Rounds.

Nos. 8, 13, 16 and 18 are corner posts.

Nos. 7, 12, 15 and 17 are transom or division bars.

Nos. 4, 5, 9, 10 and 11 are quarter rounds.

The No. 14 is used when glass is set at right angles, although Nos. 8, 16 and 18 are made at right angles, when required. The corner posts and division bars are cut especially for each job, and to whatever angle that is required. No. 6 is used for show case work, when double strength glass or beveled plate glass is used. No. 8 cut at right angles is also used for show case work.

As there are so many different conditions to be taken into consideration it is impossible to state what sizes of glass the different sizes of our construction will support. This matter is carefully taken up in our office, according to the conditions prevailing. If any information regarding this is desired, we are ready to take up the matter at any time.

The Nos. 5, 7 and 8 are used together and for small lights.

The Nos. 9, 12, 13, or the Nos. 9, 12 and 14 are used together.

The Nos. 10, 15 and 16 are used together.

The Nos. 11, 17 and 18 are used together.

## LIST PRICES.

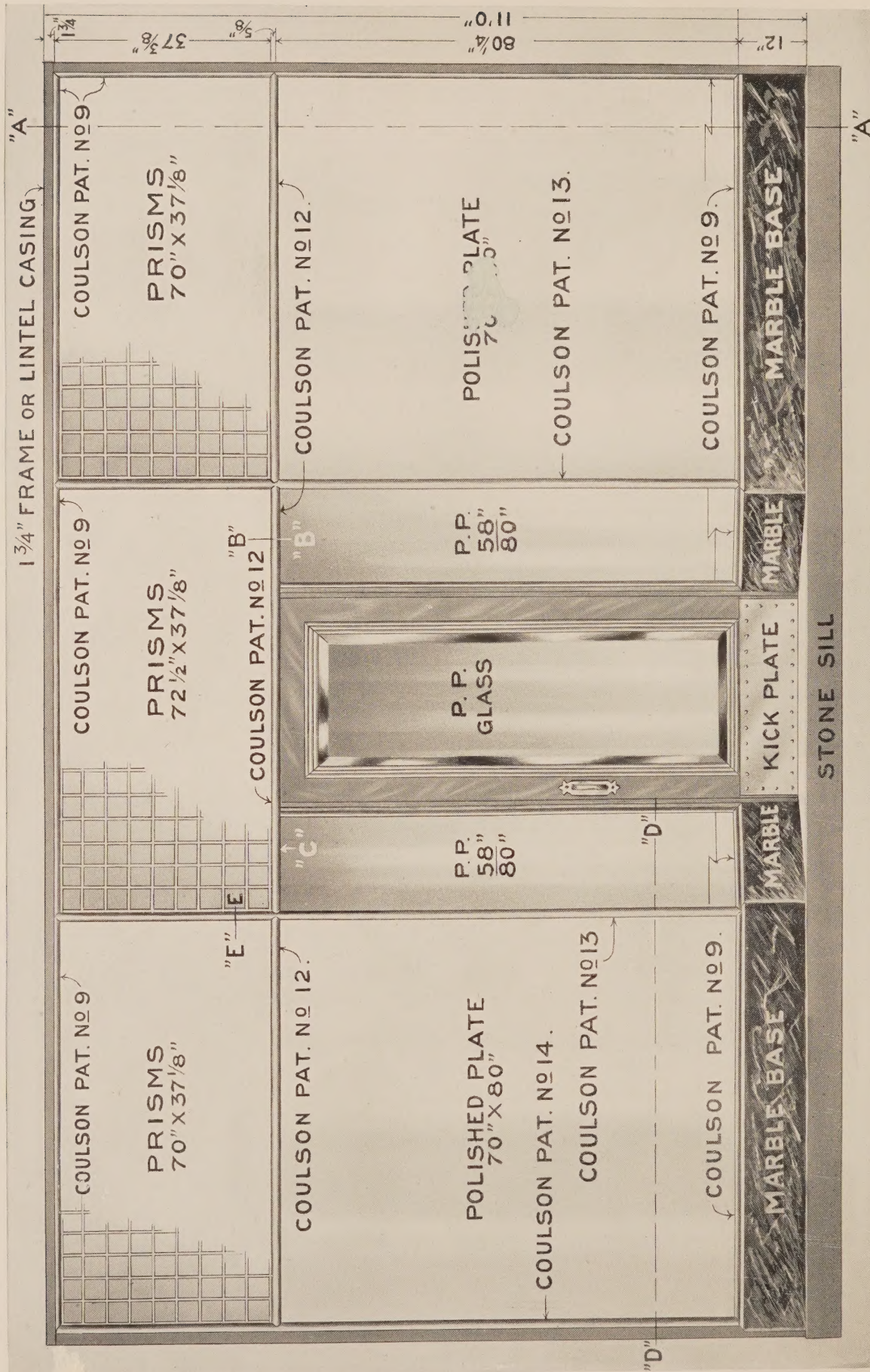
No. 4.....per foot, \$0.25	No. 9.....per foot, \$0.25	No. 14.....per foot, \$2.00
No. 5..... " 0.25	No. 10..... " 0.25	No. 15..... " 1.80
No. 6..... " 1.50	No. 11..... " 0.25	No. 16..... " 2.00
No. 7..... " 1.60	No. 12..... " 1.60	No. 17..... " 2.80
No. 8..... " 2.00	No. 13..... " 2.00	No. 18..... " 2.80

These prices are F. O. B., Columbus, Ohio.

Stock moulded caps and bases of solid brass metal in finish to match the posts, prices on same can be had on application.

When angle irons are used for canopy ceiling supports, a charge of 20 cents per foot is added to the net price of the bars on which it is used.

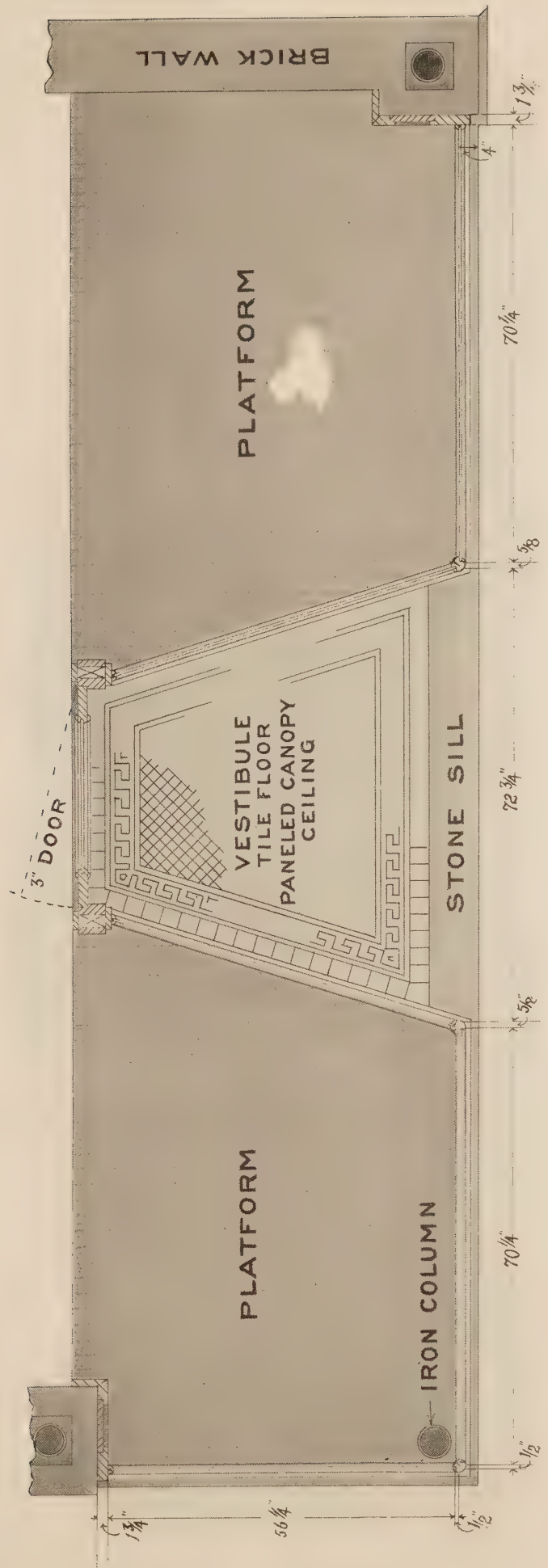




FRONT ELEVATION

Scale, 1/2 inch=1 foot





## FLOOR PLAN

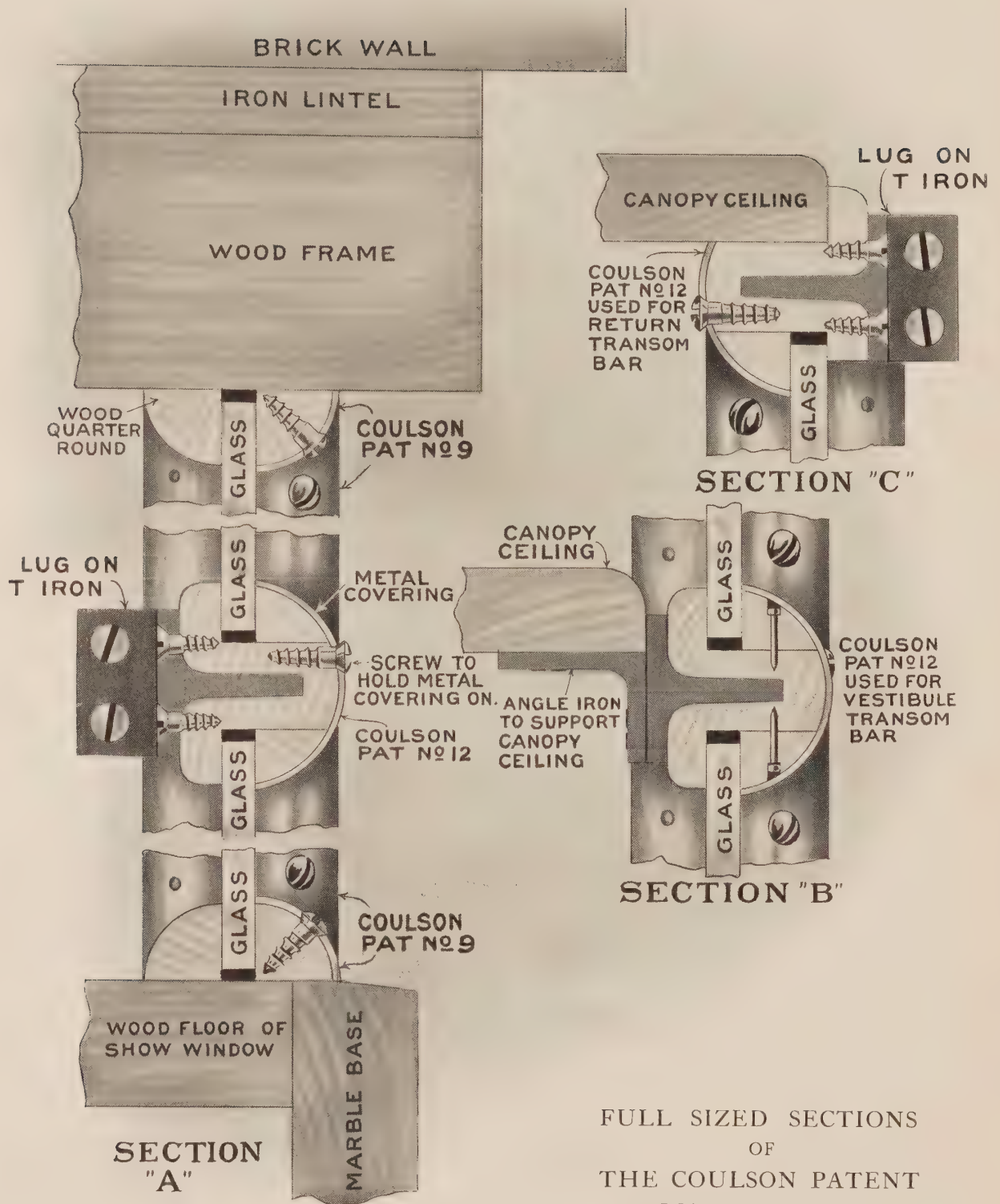
SCALE  $\frac{1}{2}$  inch—1 foot.

LIST OF COULSON PAT. CONSTRUCTION REQUIRED FOR THE ABOVE

STORE FRONT

2 No. 13—118 $\frac{1}{4}$ inch Corner Post	2 No. 9—118 $\frac{1}{4}$ inch
1 No. 14—118 $\frac{1}{4}$ inch	2 No. 9—80 $\frac{1}{4}$ inch
2 No. 12—70 $\frac{1}{4}$ inch Transom Bar	4 No. 9—70 $\frac{1}{4}$ inch
1 No. 12—56 $\frac{1}{4}$ inch	2 No. 9—56 $\frac{1}{4}$ inch
2 No. 12—58 $\frac{1}{4}$ inch Vestibule Transom Bar	2 No. 9—58 $\frac{1}{4}$ inch
1 No. 12—72 $\frac{3}{4}$ inch	1 No. 9—72 $\frac{3}{4}$ inch
72 $\frac{3}{4}$ inches of Angle Iron.	







## When Ordering

To obtain the length of the corner posts, vertical division bars and quarter rounds at sides, when no transom bars are used, add  $\frac{1}{4}$  inch to the height of the glass for play. When our No. 7 transom bar is used add  $\frac{3}{4}$  inch for the bar and the play of the glass; when our No. 12 transom bar is used add 1 inch; when our No. 15 transom bar is used add  $1\frac{1}{8}$  inch, and when our No. 17 transom bar is used add  $1\frac{5}{8}$  inch.

To obtain the length of the transom bars and the horizontal quarter rounds, add  $\frac{1}{4}$  inch for play to the width of the glass.

To enable us to do the framing in our factory, give us the height of the lower and upper lights of glass.

State if angle iron is required for canopy ceiling.

Give diagram of angle formed by the front and return lights of glass.

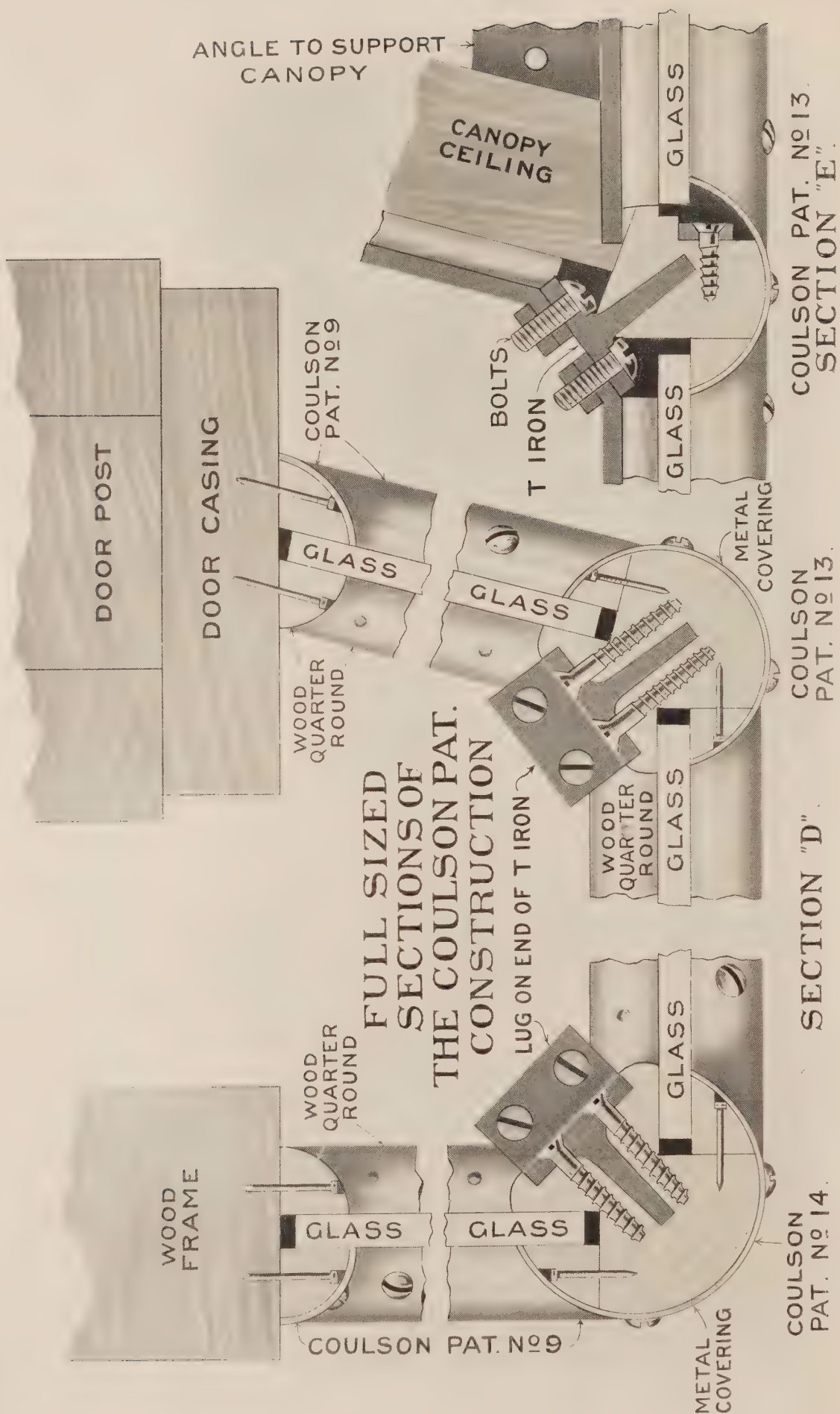
If possible, furnish us with the drawings, or a rough sketch of both the plan and the elevation of the front.

State what finish is desired, whether polished brass, nickle plated, oxidized copper plated, or copper metal.

State whether goods are to be shipped by freight or express, as all goods are shipped F. O. B., Columbus, Ohio.

Estimates furnished on request.





## Material Used

**Steel Tees**—The steel tees used are of special sizes. These are drilled and secured in the groove left in the wood encasing by screws, for all except the No. 8, No. 7 and No. 6, which are secured by a special patent device. The ends are sawed and bent to form the lugs, as shown by the illustrations.

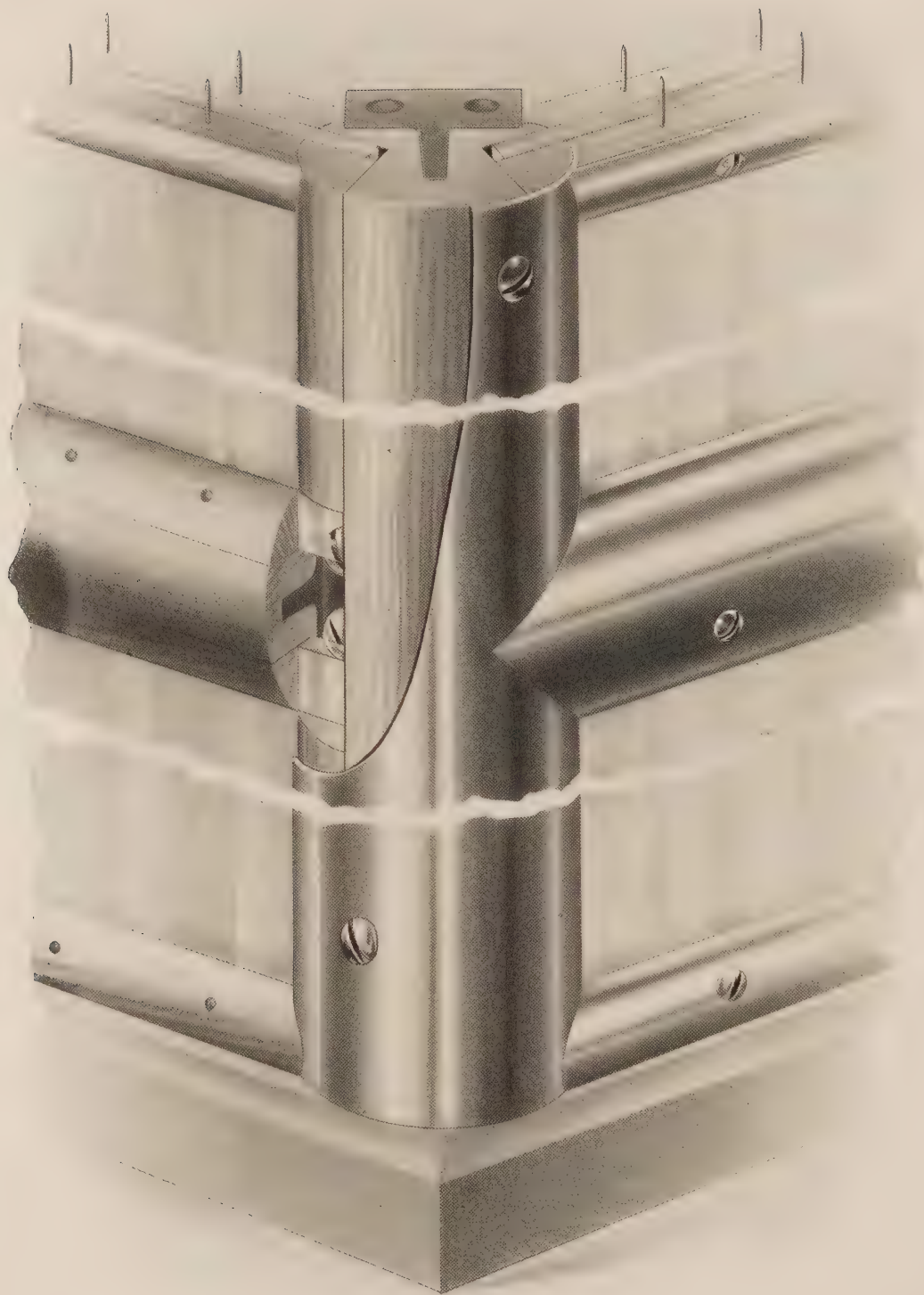
**Steel Angles**—The steel angles used to support the canopy ceiling, are secured to the backs of the tees, with screw holes left on the flange through which the canopy ceiling is secured.

**Wood**—The wood used, is of clear white pine, of selected quality, and is cut to the required lengths.

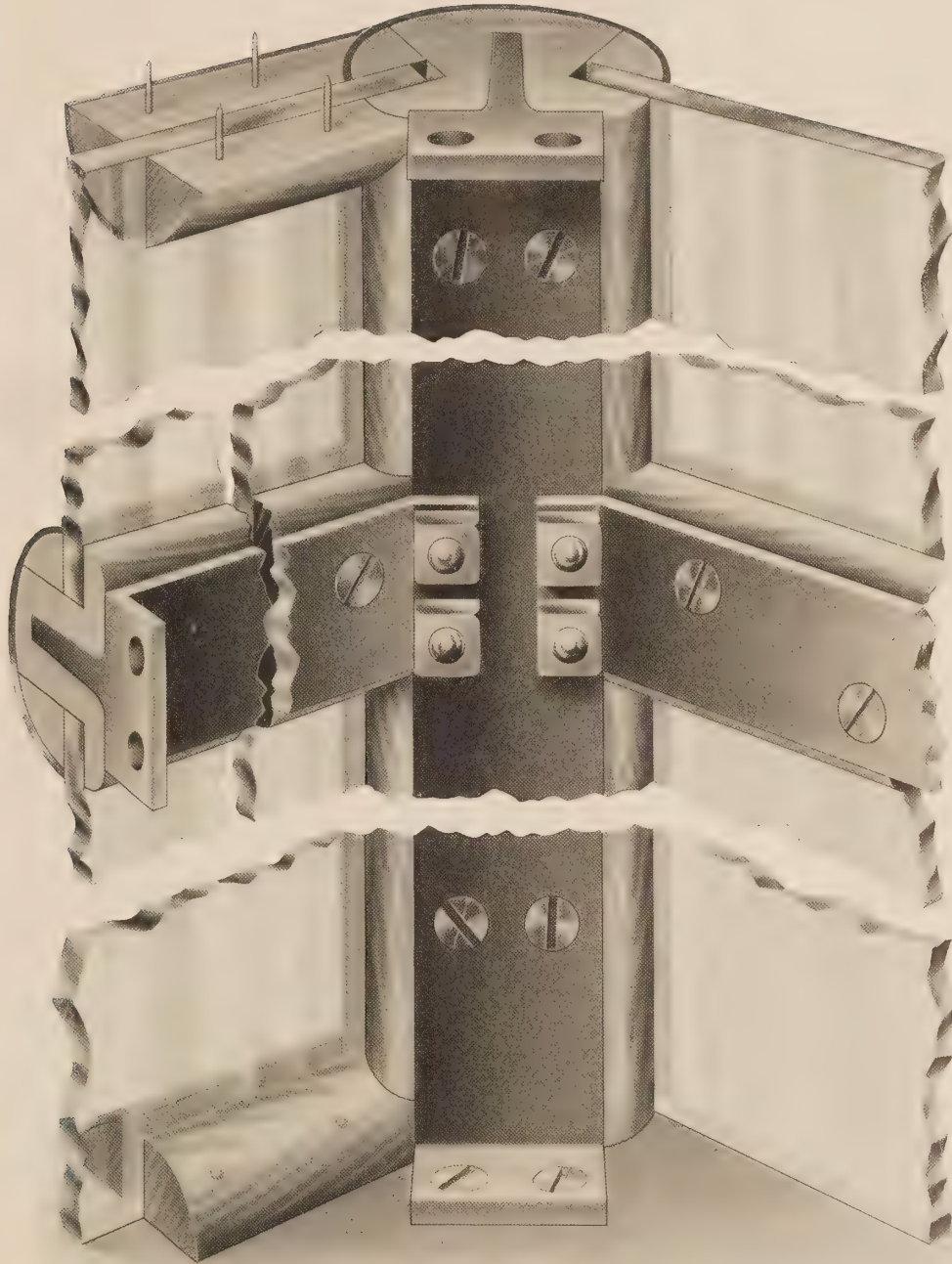
**Metal Covering**—The metal covering is of eighteen gauged brass, the finish of which is polished brass, nickle plated, or oxidized copper plated as desired. Copper metal, polished or unpolished, can be furnished instead of brass, at the same price. Aluminum, German silver are furnished at special prices. Polished brass finish is recommended and is always furnished, unless otherwise ordered.

**Screws**—The screws to be used in putting on the metal covering are of brass, finished to match the finish.



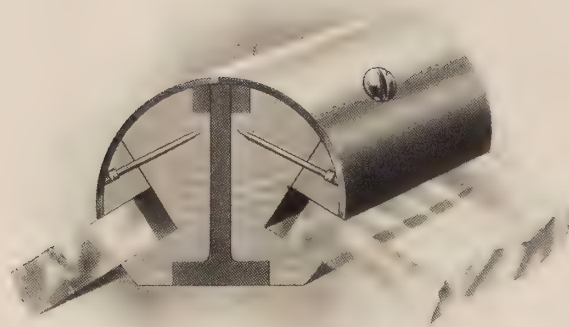


FULL SIZE VIEW OF CORNER POST FROM FRONT

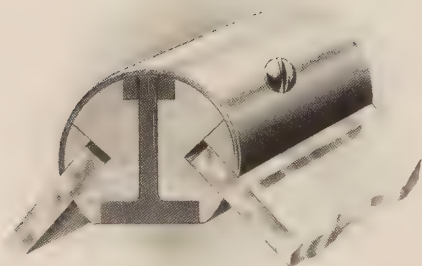


FULL SIZE VIEW OF CORNER FROM REAR

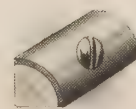




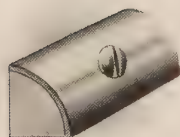
No. 8 CORNER POST



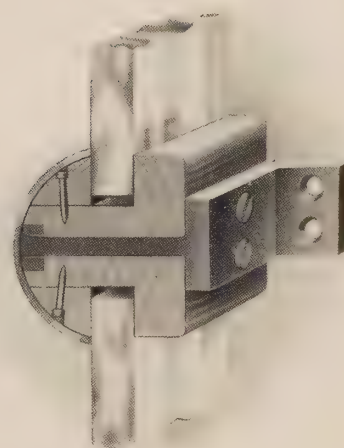
No. 6 CORNER POST



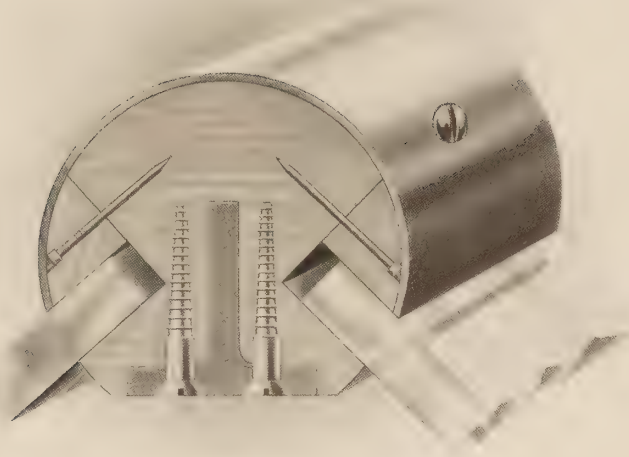
No. 4 QUARTER ROUND



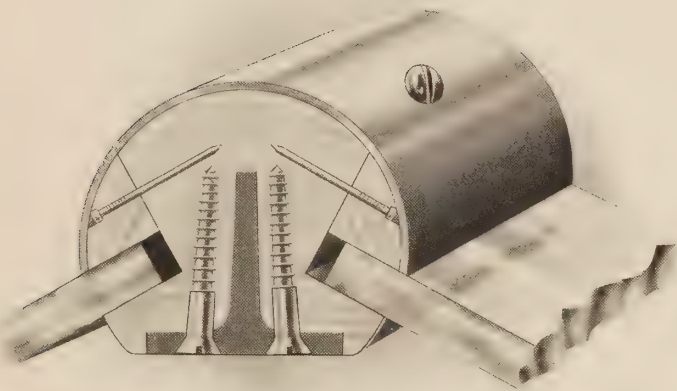
No. 5 QUARTER ROUND



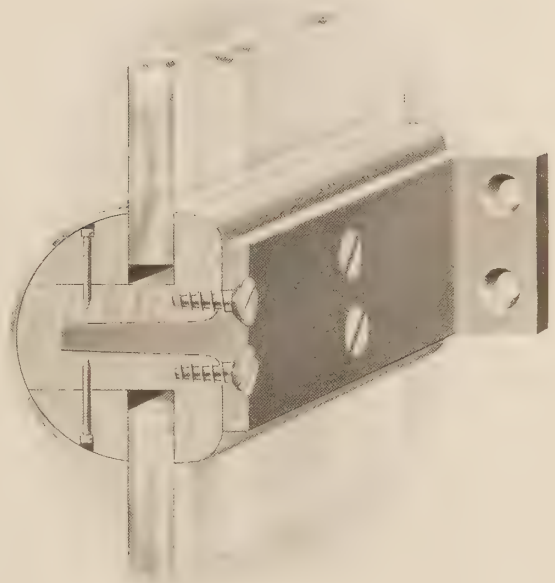
No. 7 TRANSOM AND DIVISION BAR



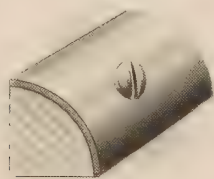
No. 14 CORNER POST



No. 13 CORNER POST

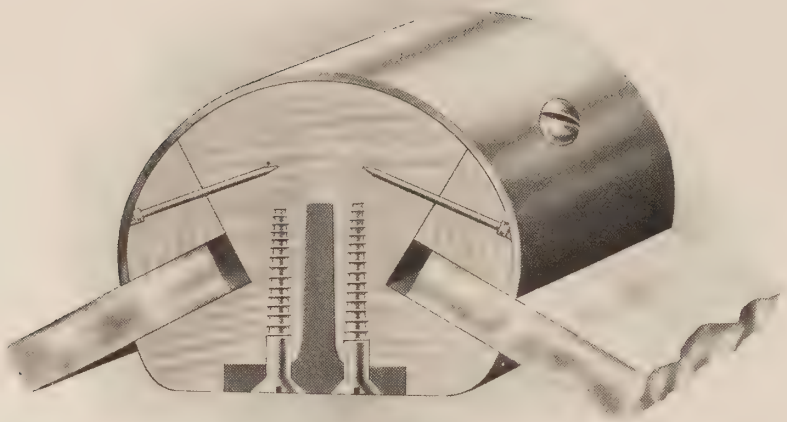


No. 12 TRANSOM AND DIVISION BAR

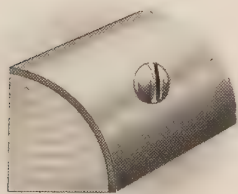


No. 9 QUARTER  
ROUND

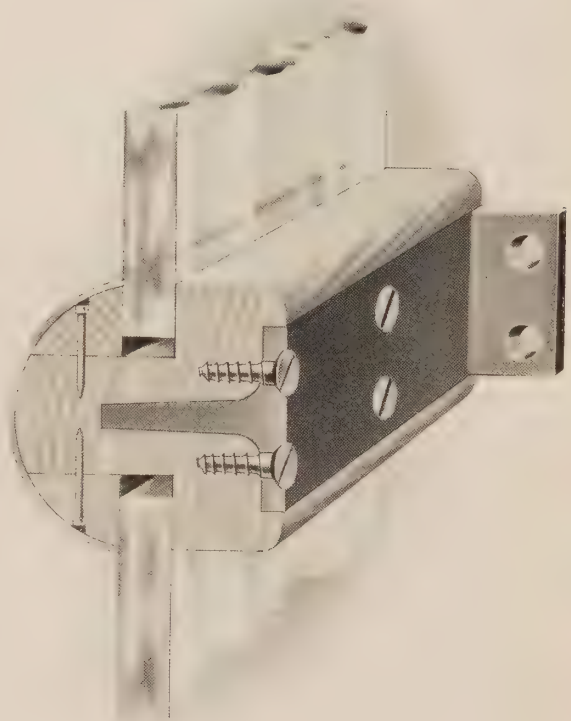




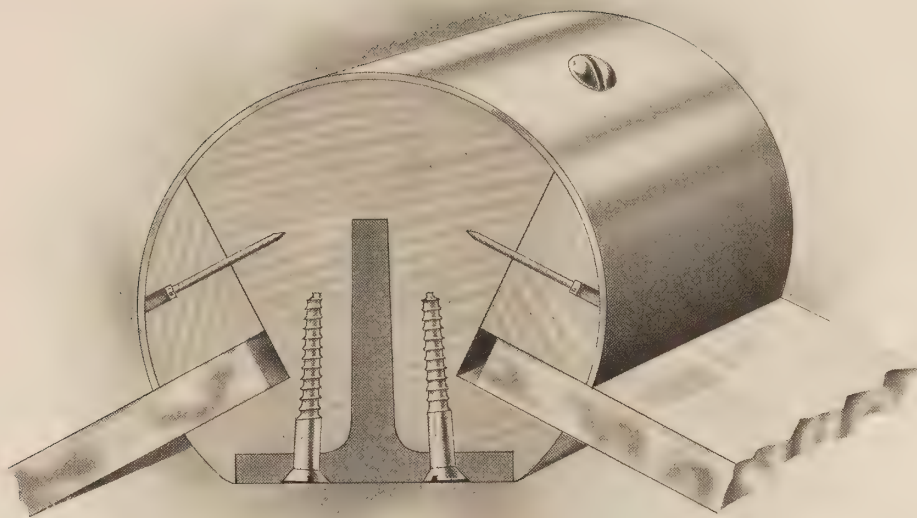
No. 16 CORNER POST



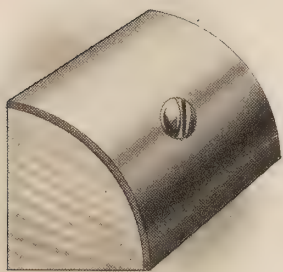
No. 10 QUARTER  
ROUND



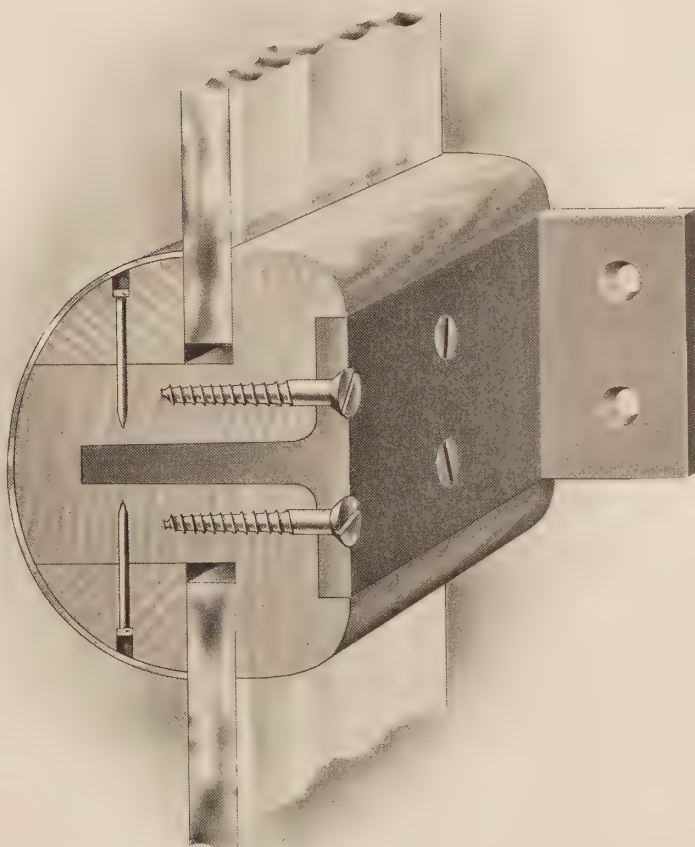
No. 15 TRANSOM AND DIVISION BAR



No. 18 CORNER POST

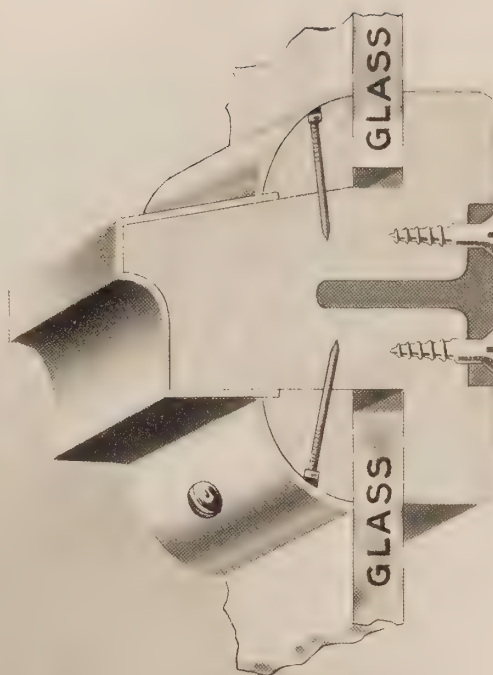
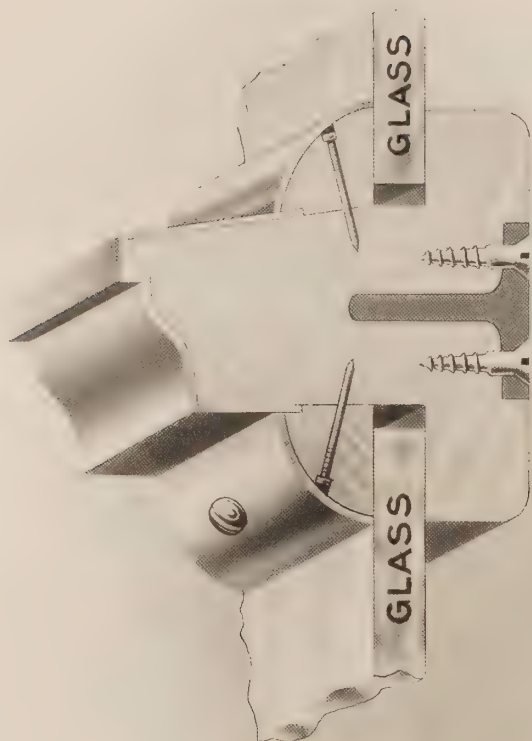


No. 11 QUARTER ROUND

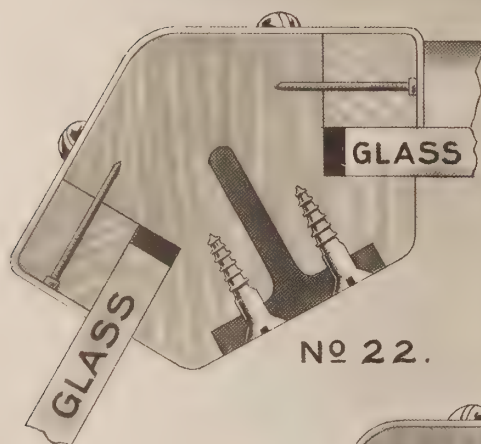


No. 17 TRANSOM AND DIVISION BAR

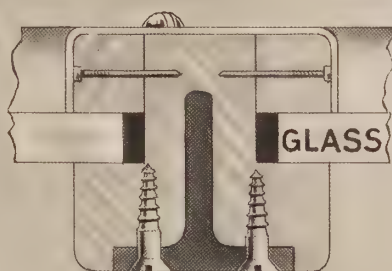




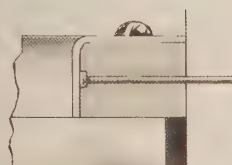
№ 24 TRANSOM BAR    № 23 TRANSOM BAR



№ 22.



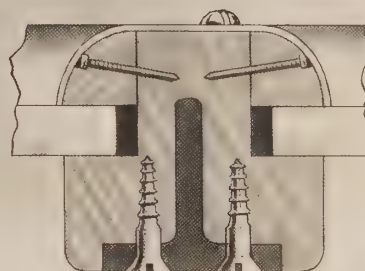
№ 21.



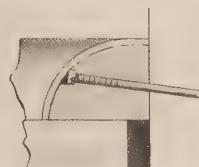
№ 3.



№ 20.



№ 19.



№ 2.

## Ornamental Posts and Bars

To supply the demand of our customers for ornamental transom bars, we are placing on the market two designs, the Coulson Patent Nos. 23 and 24, which can be used with our Nos. 13, 14 and 16 corner posts.

These transom bars are complete as shown on the opposite page. When using them allow  $1\frac{5}{8}$  inch for the bar and the play of both lights of glass.

The Coulson Patent Transom Bars Nos. 25 and 26 of the same design are to be had to use with our No. 18 corner posts. With them allow  $2\frac{3}{8}$  inch for the bar and the play of both lights of glass.

The manner of construction, fitting, metal covering, etc., are practically the same as in our other transom bars.

Other special designs can be had at a reasonable charge.

We are also placing on the market two new styles of the Coulson Patent Posts and Bars, with stops to correspond.

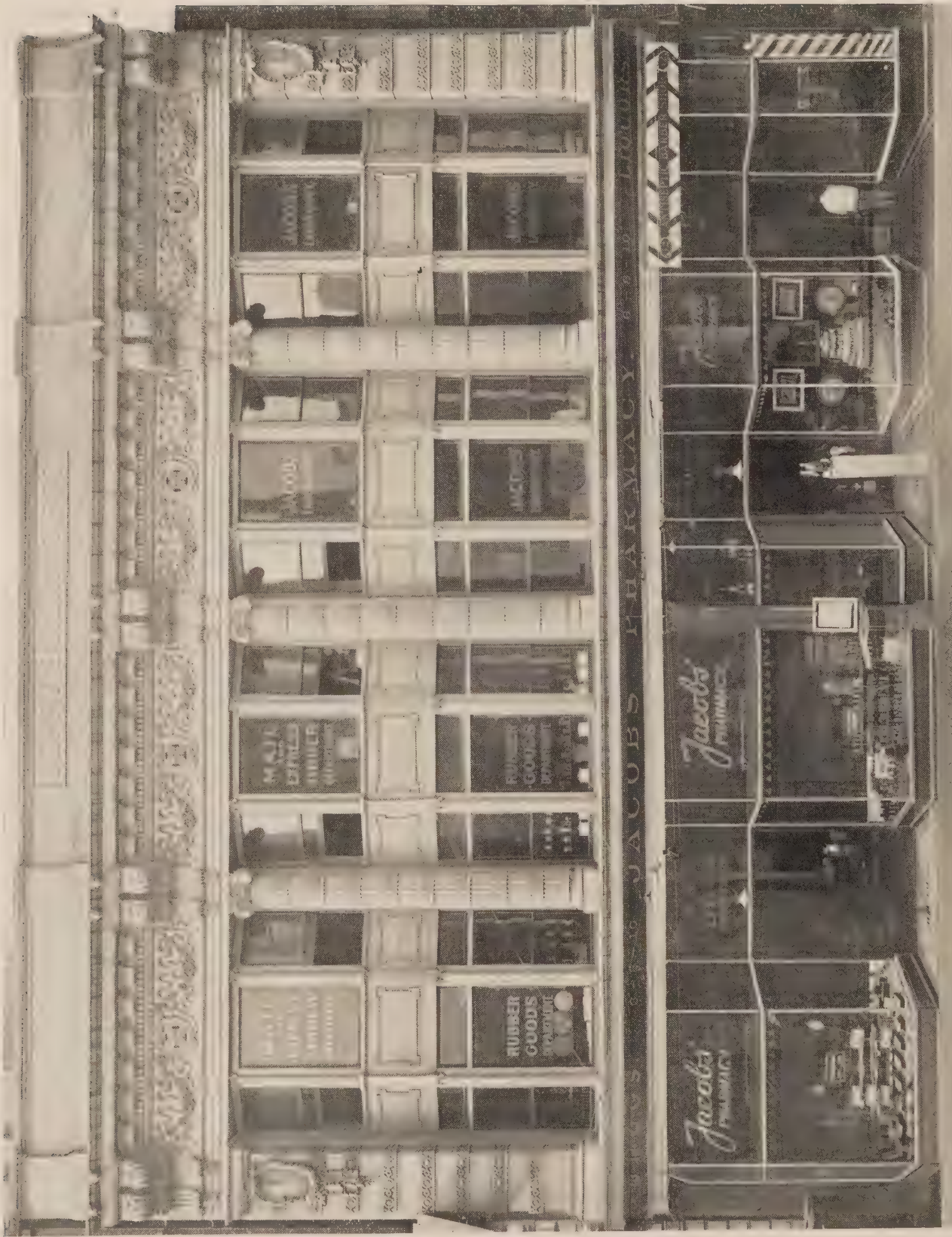
These are as shown on the opposite page, and are the same in every respect as our Nos. 16 and 15, except their being different shape on the outside.

### LIST PRICES.

No. 2.....per foot, \$0.25	No. 22.....per foot, \$2.00
No. 3.....“ 0.25	No. 23.....“ 2.80
No. 19.....“ 1.80	No. 24.....“ 2.80
No. 20.....“ 2.00	No. 25.....“ 3.00
No. 21.....“ 1.80	No. 26.....“ 3.00

The metal covering on the above, except Nos. 2 and 3, is to be had in 10 foot lengths. When the metal covering on any piece exceeds 10 feet, the metal to be joined together and soldered on the back.





Coulson Patent Nos. 13's and 9's used, with wooden Transom bar.

BERRY BUILDING  
ATLANTA, GEORGIA

WILLIS F. DENNY  
*Architect*  
ATLANTA, GA.





THE GERMANIA BANK BUILDING  
SAVANNAH, GEORGIA

Coulson Patent No. 12's, Special, were used, with metal covering on the inside as well as on the outside, and with metal caps and bases, and No. 9 quarter rounds. Size of plate glass, 42 inches and 70 inches wide; bent lights, 36 inches wide. Lower lights, 85 inches high and transom lights, 60 inches high.

BRUCE & MORGAN  
*Architects*

Prudential Building ATLANTA, GEORGIA





THOMAS BUILDING AND BULL BLOCK  
OCCUPIED BY THE UNION CLOTHING COMPANY, COLUMBUS, OHIO

STRIBLING & LUM  
*Architects*  
COLUMBUS, OHIO

Coulson Patent Nos. 17's, 18's and 11's used.  
Plate Glass, 168 x 104 inches to 174 x 104 inches.  
Prism Glass, 52 inches high.



DAN COHEN SHOE STORE  
N. E. CORNER 5TH AND CENTRAL AVE., CINCINNATI, OHIO

Coulson Patent Nos. 18's, 17's and 11's were used.  
Size of Plate Glass, 110 x 96 inches and 120 x 96 inches.  
Sheet Prisms in transom, 38 inches high.

DITTOE & WISENAHL  
-Hr, hire, is  
CINCINNATI, OHIO





Coulson Patent Nos. 14's, 15's and 10's used.  
Size of glass, 86 x 108 for lower lights, 86 x 60 above,  
mezzanine floor with transoms above.

SNELL BLOCK  
TACOMA, WASHINGTON

RUSSELL & HEATH  
*Architects*  
TACOMA, WASHINGTON



BENTLEY & MELVIN BUILDING  
 Corner Baltimore and Gay Sts., BALTIMORE, Md.

Coulson Patent Nos. 14's and 15's used.  
 Plate Glass, vary from 64 x 92 inches to 108 x 92 inches.

L. F. FOWLER  
*Architect*  
 BALTIMORE, Md.





JONES COMPANY'S BUILDING  
LITTLE ROCK, ARKANSAS

C. L. THOMPSON  
*Architect*  
LITTLE ROCK, ARKANSAS

Coulson Patent No. 12's were used for the prisms, and No. 17's for both the Division and Transom bars. Four of the Transom bars being bent for the bent glass. Size of the plate glass, 64 inches to 94 inches wide and 96 inches high, four of which were bent glass. Transom glass, 26 inches high. Prism glass, 54 inches high.



# STORE FRONT OF THE HARTMAN HOTEL BUILDING

Belonging to Dr. S. B. HARTMAN, of the Peruna Drug Co., COLUMBUS, O.

Coulson Patent No. 18, No. 17, No. 11 used.  
Size of plate glass, 21 lights, 118 x 126, with side lights and transoms.

KREMER & HART  
*Architects*  
COLUMBUS, OHIO

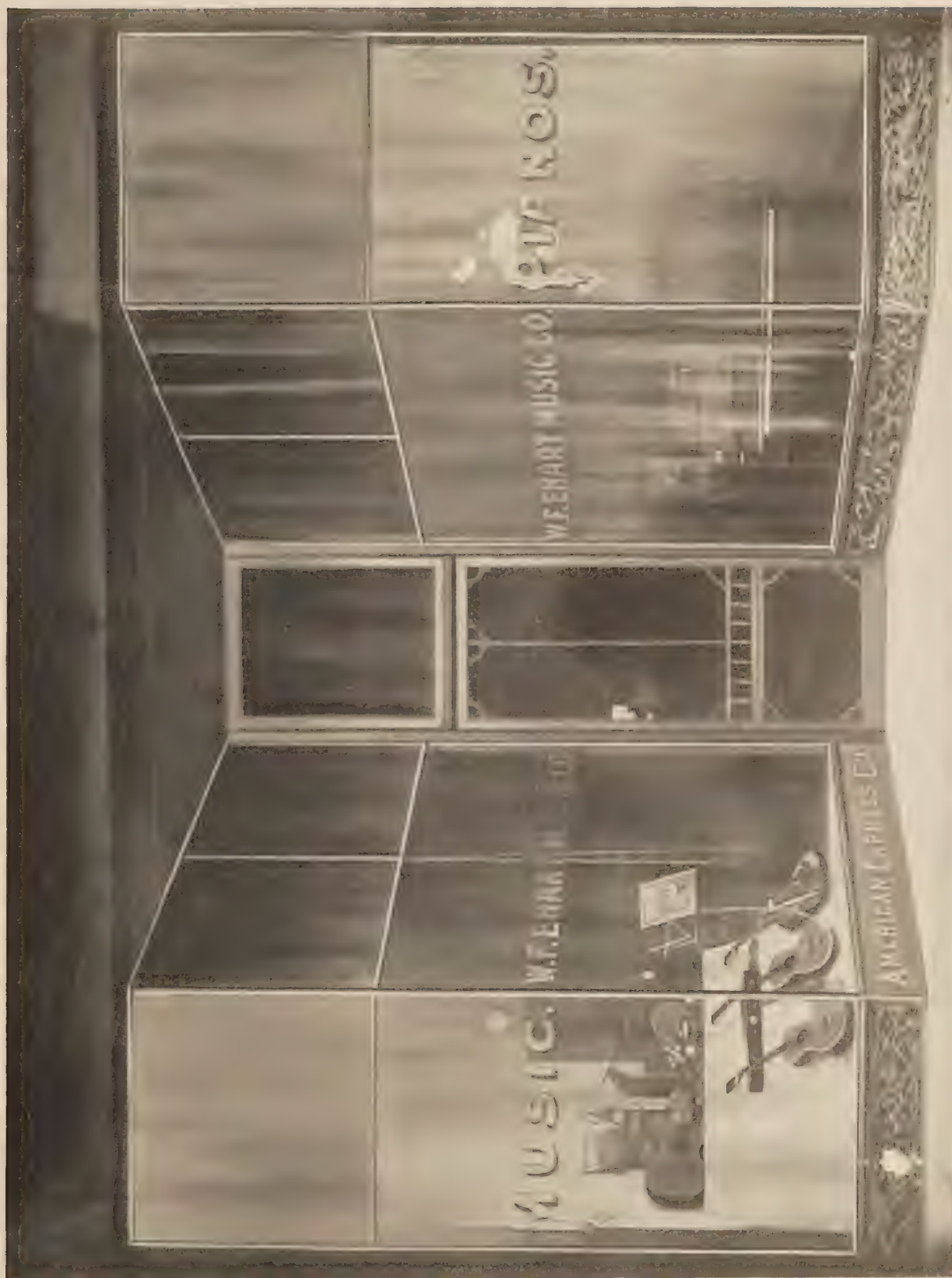




Coulson No. 12 Division and Transom bar used, Transom bar bent at either end to quarter circle.

STORE FRONT OF HOFMAN JEWELRY CO.  
COLUMBUS, OHIO

McALLISTER & RESTIEUX  
*Architects*  
COLUMBUS, OHIO



Coulson Patent Nos. 13's, 12's and 9's were used.  
Size of plate glass, 56 x 100 and 96 x 100, with transoms.

STORE FRONT IN W. F. EHART MUSIC CO.  
COFFEYVILLE, KANSAS

GEO. S. COLBY  
COFFEYVILLE, KAN.





STORE FRONT OF H. A. MORGAN CO.  
COLUMBUS, OHIO

Erected complete by J. W. COULSON & Co., Columbus, Ohio.

Coulson Patent Nos. 8 and 9 used.  
Plate Glass, 60 x 110 inches and 52 x 110 inches.

MAETZEL & CO.  
*Architects*  
COLUMBUS, OHIO



A. E. PITTS SHOE HOUSE  
COLUMBUS, OHIO

Coulson Patent No. 17's, 18's and 11's used.  
Plate Glass, 46 x 104 inches and 122 x 104 inches.  
Prism Glass, 38 inches high. Brass Sills.

J. A. JONES  
*Architect*  
COLUMBUS, OHIO





CENTRAL UNION GAS CO.'S BUILDING  
 Corner Alexander and 142nd Streets, New York City

Construction Patent No. 18's at right angles, and No. 11's were used.  
 Size of plate glass, 168 x 98 inches and 26 x 98 inches.

ALBERT DAVIS  
 Architect  
 494 E. 138th St., New York City

# A Few References

**ALBERT E. DAVIS**  
ARCHITECT  
494 East 138th Street

NEW YORK, N. Y., Nov. 22, 1904.

*J. W. Coulson & Co., Columbus, Ohio.*

Gentlemen—I have used the Coulson Patent Posts and Bars for the show windows of the stores Nos. 2, 29, 2931 and 2933 Third avenue for Henry Lewis Morris and at Alexander avenue and 142nd street, for the Central Union Gas Co., both in the Borough of the Bronx. The advantage of your bars over others is that they afford the maximum of strength for the minimum of light obstruction. Yours very truly,

ALBERT E. DAVIS.

**STONE, CARPENTER & WILLSON**  
ARCHITECTS

PROVIDENCE, R. I., Nov. 2, 1904.

*Messrs. J. W. Coulson & Co., Columbus, Ohio.*

Gentlemen—It gives us pleasure to state that the nickel plated transom and division bars furnished by you for the large lights of plate glass in the store front of the Anthony & Cowell Co. building have proven very satisfactory. Yours truly,

STONE, CARPENTER & WILLSON.

**J. E. LAFERTY**  
ARCHITECT  
Builders' Exchange Building

BALTIMORE, Md., Nov. 24, 1904.

*J. W. Coulson & Co., Columbus, Ohio.*

Gentlemen—I am pleased to testify to the neatness, solid construction and general excellency of your Patent Corner Posts and Transom Bars which I use whenever possible. I take pleasure in commending them to anyone desiring such an article. Yours,

J. E. LAFERTY.

**MORGAN & DILLON**  
ARCHITECTS  
(Successors to Bruce & Morgan)  
Prudential Building

ATLANTA, Ga., Nov. 25, 1904.

*J. W. Coulson & Co., Columbus, Ohio.*

Gentlemen—It gives us great pleasure to state that we have used your patent construction in some of our best work, and it has always given perfect satisfaction. Very truly yours,

MORGAN & DILLON.

**W. T. DOWNING**  
ARCHITECT  
Equitable Building

ATLANTA, GA., June 23, 1904.

*Messrs. J. W. Coulson & Co., Columbus, Ohio.*

Gentlemen—Replying to your letter of the 18th, as far as I am able to judge of your construction that I have recently used, it has proven perfectly satisfactory, and I shall not hesitate to specify it in our other work. Very truly yours,

W. T. DOWNING.

**WILLIS F. DENNY**  
ARCHITECT  
1017-1019 Prudential Building, Atlanta, Ga.  
7-8 American National Bank Bldg., Macon, Ga.

ATLANTA, Ga., April 4, 1904.

*Messrs. J. W. Coulson & Co., Columbus, Ohio.*

Gentlemen—I have specified and used a great deal of your construction, and have found it to be all that it is claimed. I consider it unquestionably the best on the market. Very respectfully yours,

W. F. DENNY.

**W. H. WILSON**  
ARCHITECT

DALLAS, Texas, Nov. 8, 1904.

*Messrs. J. W. Coulson & Co., Columbus, Ohio.*

Gentlemen—I have received your catalogue and sample and am impressed with the neat appearance and sound construction of your details, which does not shut out the light, as is the case of the old way with massive wood posts and bars. I shall specify your construction in all my future specifications. Very truly yours,

W. H. WILSON.

**RUSSELL & HEATH**  
ARCHITECTS  
421-422 California Building

TACOMA, Wash., Oct. 3, 1904.

*J. W. Coulson & Co., Columbus, Ohio.*

Gentlemen—We are pleased to state that your Patent Posts and Bars are giving entire satisfaction. They hold the plates firmly and the design is neat, ornamental and pleasing. We will continue to specify them. Sincerely yours,

RUSSELL & HEATH.

**CARL F. STRUCK**  
ARCHITECT AND SUPERINTENDENT  
636 Boston Block

MINNEAPOLIS, Minn., Oct. 20, 1904.

*Messrs. J. W. Coulson & Co., Columbus, Ohio.*

Gentlemen—I wish to inform you that I think that your Corner Posts and Transom Bars are an excellent invention, and saves trouble and expense in setting plate glass, besides being substantially made and neat appearing. Will use them whenever I have the opportunity.

Yours, CARL F. STRUCK.

**GEORGE S. COLBY**  
ARCHITECT

COFFEYVILLE, Kansas, Nov. 14, 1904.

*Messrs. J. W. Coulson & Co., Columbus, Ohio.*

Gentlemen—The Patent Store Front construction of your make, I have used in quite a number of store fronts in this city, and the device I find far superior to all others in regard to simplicity and durability. The glass can be set much easier and quicker and made water and dust proof. I shall continue to use it in the future wherever possible, as I consider it the best metal bar on the market. Yours truly,

GEORGE S. COLBY.

**SAMUEL HANNAFORD & SONS**  
ARCHITECTS

CINCINNATI, Ohio, Nov. 23, 1904.

*J. W. Coulson & Co., Columbus, Ohio.*

Gentlemen—We wish to say that we have used your Patent Store Front construction for some time, and we have found it to be very satisfactory. The appearance is neat and the construction is strong and substantial. Respectfully yours,

SAMUEL HANNAFORD & SONS.

**FRANK L. PACKARD**  
ARCHITECT

Hayden Building, 16-18 E. Broad Street

COLUMBUS, Ohio, May 23, 1903.

*J. W. Coulson & Co., Columbus, Ohio.*

Gentlemen—In reply to your inquiry as to my opinion of the Coulson Metal Corner Post for supporting glass in show windows, store fronts, etc., I desire to say that we have used this device for a number of years and have found it entirely satisfactory. The strength obtained by the small space occupied makes it neat and attractive, and I take pleasure in recommending it to whomsoever may be interested in such a device.

Yours respectfully, F. L. PACKARD.

**H. A. LINTHWAITE**  
ARCHITECT  
Corner State and High Streets

COLUMBUS, Ohio, Sept. 12, 1903.

*Messrs. J. W. Coulson & Co.*

Dear Sirs—After using your Patented Sash Bar device in the Krauss-Butler-Benham Co. front, and noticing its staying power during the several late storms, I sincerely commend your invention as the only rigid, non-vibrating, and neatest appearing sash bar in the market today. Wishing you success, I remain,

Very truly yours,  
H. A. LINTHWAITE.

**E. W. HART & CO.**  
ARCHITECTS

COLUMBUS, Ohio, May 21, 1903.

*J. W. Coulson & Co., Columbus, Ohio.*

Gentlemen—We have used your Patent Metal Finished Posts and Bars for store fronts ever since their introduction, and have always found them satisfactory, and better for the purpose than anything else we have tried. Respectfully yours,

E. W. HART & CO.



# A Few References

**J. A. CHAPIN**  
ARCHITECT  
63 Public Square

LIMA, Ohio, March 22 1903.

*Messrs. J. W. Coulson & Co., Columbus, Ohio.*

Gentlemen—The Patent Corner Posts and Transom Bars you placed in the store fronts of the Holland building at Lima, Ohio, are admired by every merchant who has seen them. They are substantial and strong, and obstruct the view of goods in show windows very little. As the glass are set from the outside, broken glass can be removed and new glass placed in position without disturbing goods and fixtures in show windows. This device will be appreciated by both merchants and owners, as it saves time and money. I will take pleasure in using your Posts and Bars hereafter in my work.

Yours very truly,

J. A. CHAPIN, Architect.

**STRIBLING & LUM**  
ARCHITECTS

Denig & Person Block, 85 N. High Street

COLUMBUS, Ohio, Sept. 12, 1904.

*Messrs. J. W. Coulson & Co., Columbus, Ohio.*

Gentlemen—We have used the J. W. Coulson & Co's Patent Corner Posts and Transom bars in quite a number of store fronts, and found them far superior to all others for simplicity, utility and durability, and the result is a neat, substantial and handsome finish.

STRIBLING & LUM.

**CLEVELAND WINDOW GLASS CO.**

CLEVELAND, Ohio, July 24, 1904.

*J. W. Coulson & Co., Columbus, Ohio.*

Gentlemen—We are figuring on a job of putting in a corner post 87 inches long, where now there is a breakage of one of the plates, extending back from the corner about 2 inches. We want to do away with the patent fastenings and put in your post instead, as we know by its use we will overcome the trouble and expense incurred heretofore. The two lights come together at a right angle. Get out this post and ship by freight. Polished brass finish is required. Please advise us by return mail when order will be shipped, and oblige,

Yours very truly,  
CLEVELAND WINDOW GLASS CO.

**MUTUAL PLATE GLASS INSURANCE ASSOCIATION**

SHELBY, Ohio, Nov. 5, 1904.

*Messrs. J. W. Coulson & Co., Columbus, Ohio.*

Gentlemen—We have carefully examined the Coulson Patent Store Front construction for fastening plate glass in windows and are very favorably impressed with the same. We believe it is entitled to careful investigation by all who have use for such an article, in putting in plate glass fronts. It is easily adjusted and makes a good finish and we believe will greatly protect glass from breakage. We feel that we can heartily recommend it.

Respectfully yours,

MUTUAL PLATE GLASS INS. CO.

HENRY WENTZ, Sec.

Office of the  
**CENTRAL ACCIDENT INSURANCE CO. OF PITTSBURGH, PA.**

Personal, Accident and Plate Glass Insurance

PITTSBURGH, Pa., March 13, 1904.

*Messrs. J. W. Coulson & Co., Columbus, Ohio.  
96 and 98 N. Third St.*

Gentlemen—We have personally examined the Coulson Patent Corner Post and Bar, and it certainly appears to be a great improvement over other methods for setting plate glass. The breakage of plate glass caused by defective setting is a very considerable item, particularly with plate glass underwriters, who would be pleased to see this great and unnecessary waste reduced to a minimum. We believe the general use of your patents would do much to lessen the waste of breakage and the expense and loss of time in resetting glass.

Sincerely yours,

CENTRAL ACCIDENT INS. CO.

RALPH BUTLER, Sec.

**THE METROPOLITAN PLATE GLASS INS. CO. OF NEW YORK**

Home Office, 66 Liberty St.

NEW YORK CITY, Dec. 6, 1904.

*Messrs. J. W. Coulson & Co., Columbus, Ohio.  
Nos. 96 and 98 N. Third St.*

Gentlemen—Having thoroughly investigated your improved system of setting plate glass, and having had a practical demonstration of the utility of same in the adjustment of our losses where your Patent Posts and bars were used, we heartily recommend the Coulson Patent Store Front construction as a means of materially lessening the difficulties which are frequently met with in the replacement of broken glass, particularly where large lights are involved. The owners of property, and in some cases the tenants, are spared the annoyance and cost incidental to the removal of fixtures in the windows, which often is necessary before proper replacement can be made. The advantages to be gained by the use of your Patent Posts and Bars should be apparent to architects and builders, generally; and our long experience in handling plate glass in the adjustment of losses, fully justifies us in recommending your system.

Yours very truly,

E. H. WINSLOW  
President The Metropolitan Plate Glass  
and Casualty Insurance Co.

**THE NEW YORK PLATE GLASS INSURANCE CO.**

24 Pine St.

NEW YORK, Feb. 25, 1903.

*Messrs. J. W. Coulson & Co., Columbus, Ohio.  
96 and 98 N. Third St.*

Gentlemen—We are pleased to heartily recommend to all architects and builders the use of the Coulson Patent Corner Post and Bar. It is especially of advantage to owners of property, as by its use considerable time and expense is saved when replacing broken glass, and in this way relieves the owner and tenant of much annoyance.

Yours truly,

MAJOR A. WHITE, Sec.

**THE KRAUSS, BUTLER & BENHAM CO.**

Manufacturers, Jobbers and Retailers of

CARPETS AND CURTAINS

19 and 21 N. High St.

COLUMBUS, Ohio, March 15, 1903.

*Messrs. J. W. Coulson & Co., City.*

Gentlemen—We are more than pleased with the large job of plate glass which you furnished for our new windows, and also with the frame work which holds the glass in place. Your Patent Corner Posts and Bars are perfect. Having taken our order at a time when we were in need of prompt service, we can only thank you for having completed your contract so promptly, not a day's delay being experienced in any of your work. The window is firmly set and it is no trouble to wash it. It has been very much admired by the citizens of Columbus. We assure you that your efforts and promptness in our behalf have been appreciated. With regards we remain,

Yours very truly,

THE KRAUSS, BUTLER & BENHAM CO.

Per W. G. BENHAM, Sec. and Treas.

**THE PERUNA DRUG MANUFACTURING CO.**

COLUMBUS, Ohio, Sept. 12, 1903

To Whom it May Concern.

This is to certify that in the original construction of my building, corner Fourth and Main Streets, the frames for holding the plate glass were of inadequate strength, and caused a loss in the neighborhood of \$1000 within a year. I therefore concluded to change the frames, and contracted with J. W. Coulson & Co. for these changes by using the J. W. Coulson Patent Corner Posts and Transom Bars, at a cost of \$2130. This work has been completed for over fourteen months, and it makes such a substantial construction, that I have about decided to carry my own insurance on this glass, as I believe it could not be broken except by some unusual accident. So far there has not been a single breakage. The changes above referred to involve the handling of 21 large plate glass of an average size of 118 x 126 inches.

Yours very truly,

S. B. HARTMAN





